



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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**INVENTORS:** Densen Cao  
**DOCKET:** 5061.8a P  
**TITLE:** METHOD FOR CURING COMPOSITE MATERIAL  
**SERIAL NO.:** 10/072,302  
**FILED:** February 5, 2002  
**ASSIGNEE:** Cao Group, Inc.

**RECEIVED**  
AUG 07 2002  
TC 1700

Assistant Commissioner for Patents  
Washington, DC 20231

**INFORMATION DISCLOSURE STATEMENT**

Honorable Assistant Commissioner:

Applicant submits herewith PTO-1449 forms and cited references.

Applicant also requests the Examiner to consider references cited in each of the patent applications to which this patent application claims priority.

Respectfully submitted this 1st day of August, 2002.

Daniel McCarthy  
Reg. No. 36,600  
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Salt Lake City, Utah 84111  
(801) 323-9399



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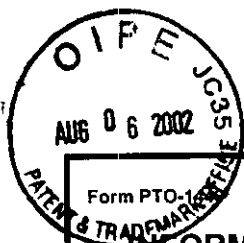
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Washington, DC 20231

**CERTIFICATE OF MAILING**

Honorable Assistant Commissioner:

I hereby certify that the attached Information Disclosure Statement is being submitted via First Class Mail with the United States Postal Service in an envelope with sufficient postage addressed to "Assistant Commissioner for Patents, Washington, DC 20231" on this 1st day of August, 2002.

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39 Exchange Place, Suite 100  
Salt Lake City, Utah 84111  
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Form PTO-

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

(Use several sheets if necessary)

Docket Number (Optional)

03761.040/5061.9a

Application Number

10/072,302

Applicant

Cao

Filing Date

02/15/02

Group Art Unit

1762

## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL | DOCUMENT<br>NUMBER | DATE       | NAME               | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
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EXAMINER

DATE CONSIDERED

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INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

(Use several sheets if necessary)

Docket Number (Optional)

Application Number

03761.040/5061.8a

10/072,302

Applicant Cao

Filing Date 02-05-02

Group Art Unit

1762

U.S. PATENT APPLICATIONS

| EXAMINER<br>INITIAL | SERIAL<br>NUMBER | FILING DATE       | Title   | Inventor                               |  |  |
|---------------------|------------------|-------------------|---|--|--|--|
|                     | 10/080,489       | February 22, 2002 | Light-Curing Device with Detachably Interconnecting Light Application | Dan E. Fischer, DDS<br>Bruce S. McLean |  |  |
|                     | 10/068,397       | February 5, 2002  | Curing Light with Plurality of LED's and Corresponding Lenses         | Dan E. Fischer, DDS<br>Bruce S. McLean |  |  |
|                     | 10/068,103       | February 5, 2002  | Lightweight Hand Held Dental Curing Devices                           | Dan E. Fischer, DDS<br>Bruce S. McLean |  |  |
|                     | 10/044,345       | January 11, 2002  | Optical Lens Used to Focus LED Light                                  | Bruce S. McLean<br>Vasily Nosov        |  |  |
|                     | 10/024,110       | December 17, 2001 | Heat Sink with Geometric Arrangement of LED Surfaces                  | Robert R. Scott                        |  |  |
|                     |                  |                   |   |  |  |  |
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FOREIGN PATENT DOCUMENTS

|  | DOCUMENT<br>NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION |    |
|--|--------------------|------|---------|-------|----------|-------------|----|
|  |                    |      |         |       |          | YES         | NO |
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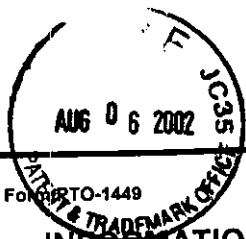
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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|--|--|---|
|  |  | Email from Jens Jenkins [Jjenkins@wnspat.com] to Dan McCarthy Re: Pending Application Information dated Wednesday, April 03, 2002 (2 pages) and listing 5 pending U.S. patent applications. |
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# INFORMATION DISCLOSURE CITATION IN AN APPLICATION

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Docket Number (Optional)

Application Number

03761.040/5661.9a

10/072,302

Applicant Cao

Filing Date 02/05/02

Group Art Unit 1762

## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL | DOCUMENT<br>NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
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## FOREIGN PATENT DOCUMENTS

|  | DOCUMENT<br>NUMBER | DATE      | COUNTRY                       | CLASS     | SUBCLASS | TRANSLATION |    |
|--|--------------------|-----------|-------------------------------|-----------|----------|-------------|----|
|  |                    |           |                               |           |          | YES         | NO |
|  | DE 25 57 920 B2    | 3/20/1980 | Germany                       | A61C 5/04 |          |             | X  |
|  | DE 29 27 260 A1    | 2/28/1980 | Germany                       | A61N 5/06 |          |             | X  |
|  | 1 570 507          | 12/8/1976 | Great Britain                 | A61N 5/06 |          | X           |    |
|  | 0 339 841 B1       | 2/11/1989 | European Patent Specification | C08F 2/50 |          | X           |    |
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## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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Sheet 1 of 8

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# INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

Docket Number (Optional)

03761.040/5061.8a

Application Number

10/074,302

Applicant Cao

Filing Date 02/05/02

Group Art Unit 1762

## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL | DOCUMENT<br>NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
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## FOREIGN PATENT DOCUMENTS

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|--|--------------------|------|---------|-------|----------|-------------|----|
|  |                    |      |         |       |          | YES         | NO |
|  |                    |      |         |       |          |             |    |

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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|  | Guido Goracci, Giovanni Mori, Luca Casa de Martinis, "Curing light intensity and marginal leakage of resin composite restorations", Quintessence International, volume 27, number 5/1995 (8 pages) |
|  | Hiromasa Kato, "Relationship between the velocity of polymerization and adaptation to dental cavity wall of light cured composites", Dental materials journal 6(1):32-37 (1987) (6 pages)          |
|  | Uno, S., Asmussen, E., "Selected variables in bonding to dentin", Scand. J. Dent. Res. 1992: 100: 130-2 (2 pages)  |
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Application Number

10/072,302

**Cao**

Group Art Unit 1762

## DIAMICRON, INC.-85147-1



Form PTO-14

(Use several sheets if necessary)

**Docket Number (Optional)**

Application Number

03761.040/5061.8a

10/072,302

**Applicant**

Cao

Filing Date 02/05/02

Group Art Unit 176.2

## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL | DOCUMENT<br>NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|---------------------|--------------------|------|------|-------|----------|-------------------------------|
|                     |                    |      |      |       |          |                               |

### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

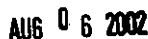
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Sheet 6 of 8

## INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

Application Number

03761.040/5061.8a

10/072302

**Applicant**

**Can**

Filing Date

02/05/02

### Group Art Unit

1762

EXAMINER  
INITIAL

DOCUMENT  
NUMBER

DATE \_\_\_\_\_

NAME \_\_\_\_\_

**CLASS**

SUBCLASS

FILING DATE  
IF APPROPRIATE

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